

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A white color organic electroluminescence device comprising:

a cathode;

an anode; and

one or more organic thin film layers sandwiched between the ~~two electrodes~~ cathode and the anode;

wherein:

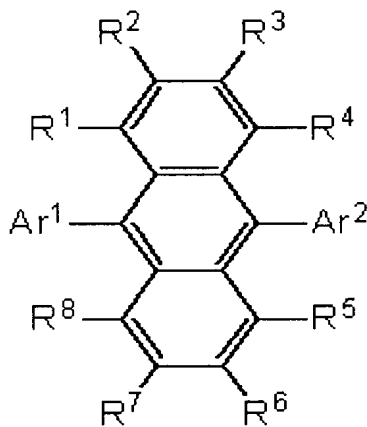
the one or more organic thin film layers and comprising comprise at least a one light emitting layer;

~~wherein~~ the at least one light emitting layer ~~has~~ comprises a laminate comprising a bluish color light emitting layer and a yellow-to-reddish color light emitting layer;

~~wherein~~ the at least one light emitting layer comprises an asymmetric compound comprising a condensed ring;

~~wherein~~ the asymmetric compound comprising a condensed ring comprises a compound ~~of~~ according to formulae (I)-(IX) (I) to (IX) below:

formula (I):



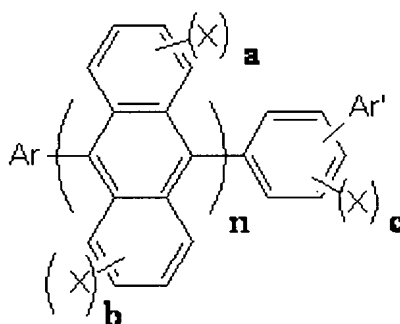
(I)

_____ wherein:

Ar^1 and Ar^2 each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, provided that Ar^1 and Ar^2 do not have the same structure, wherein when Ar^1 and/or Ar^2 is substituted by a substituent, the substituent is independently at least one selected from the group consisting of a halogen atom, a hydroxyl group, a nitro group, a cyano group, an alkyl group, an aryl group, a cycloalkyl group, an alkoxy group, an aromatic heterocyclic group, an aralkyl group, an aryloxy group, an arylthio group, an alkoxycarbonyl group, a carboxyl group, and combinations thereof; and

_____ R^1 to R^8 each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group;

formula (II):



(II)

_____ wherein:

Ar represents a substituted or unsubstituted fused aromatic ring residue having 10 to 50 nuclear carbon atoms;

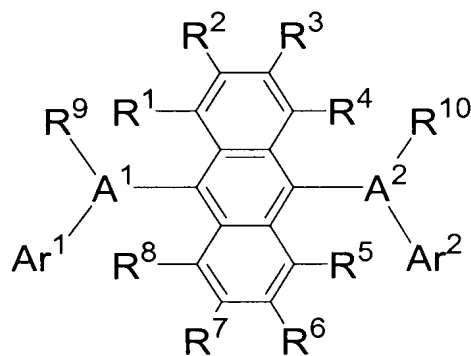
_____Ar' represents hydrogen or a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

_____X represents a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group; ~~and~~;

_____a, b, and c each represent an integer of 0 to 4, and n represents an integer of 1 to 3; and

_____ ~~wherein~~ when Ar, Ar' and/or X is substituted by a substituent, the substituent is independently at least one selected from the group consisting of a halogen atom, a hydroxyl group, a nitro group, a cyano group, an alkyl group, an aryl group, a cycloalkyl group, an alkoxy group, an aromatic heterocyclic group, an aralkyl group, an aryloxy group, an arylthio group, an alkoxycarbonyl group, a carboxyl group, and combinations thereof;

_____formula (III):



(III)

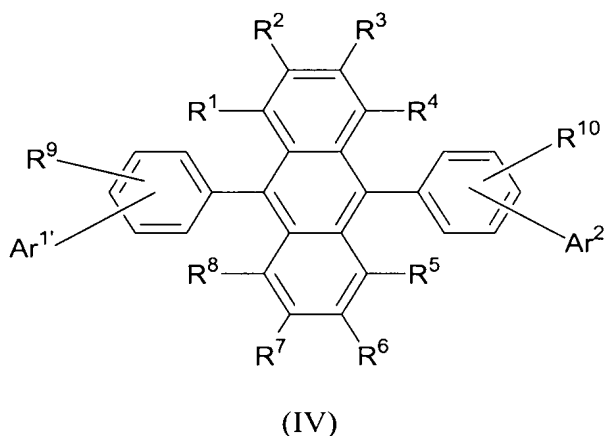
_____wherein:

A¹ and A² each independently represent a substituted or unsubstituted fused aromatic ring residue having 10 to 20 nuclear carbon atoms;

_____Ar¹ and Ar² each independently represent a hydrogen atom, or a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms; and

_____R¹ to R¹⁰ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 9-position and 10-position of central anthracene;

formula (IV):

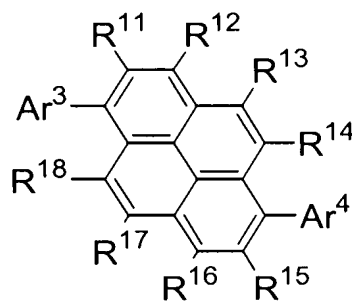


_____ wherein:

Ar^{1'} and Ar^{2'} each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, and

_____ R¹ to R¹⁰ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 9-position and 10-position of central anthracene;

formula (V):



(V)

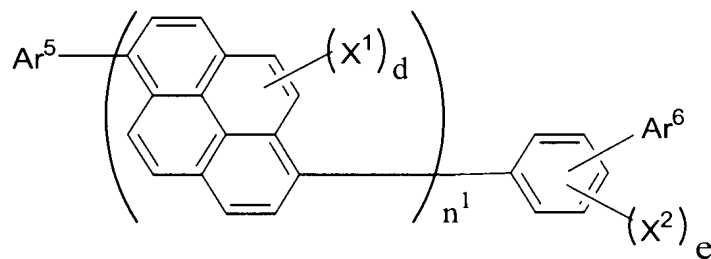
_____wherein;

Ar³ and Ar⁴ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, provided that Ar³ and Ar⁴ do not have the same structure;

_____wherein when Ar³ and/or Ar⁴ is substituted by a substituent, the substituent is independently at least one selected from the group consisting of a halogen atom, a hydroxyl group, a nitro group, a cyano group, an alkyl group, a cycloalkyl group, an alkoxy group, an aromatic heterocyclic group, an aralkyl group, an aryloxy group, an arylthio group, an alkoxycarbonyl group, a carboxyl group, and combinations thereof; and

_____R¹¹ to R¹⁸ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group;

formula (VI):



(VI)

_____ wherein:

Ar^5 represents a substituted or unsubstituted fused aromatic ring residue having 10 to 50 nuclear carbon atoms;

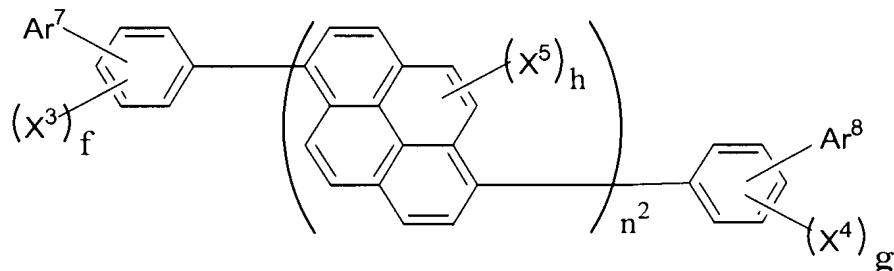
_____ Ar^6 represents a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

_____ X^1 and X^2 each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group;

_____ ~~wherein~~ when Ar^5 , Ar^6 and/or X^2 is substituted by a substituent, the substituent is independently at least one selected from the group consisting of a halogen atom, a hydroxyl group, a nitro group, a cyano group, an alkyl group, a cycloalkyl group, an alkoxy group, an aromatic heterocyclic group, an aralkyl group, an aryloxy group, an arylthio group, an alkoxycarbonyl group, a carboxyl group, and combinations thereof; and

_____d represents an integer of 0 to 8, e represents an integer of 0 to 4, and n^1 represents an integer of 1 to 3;

formula (VII):



(VII)

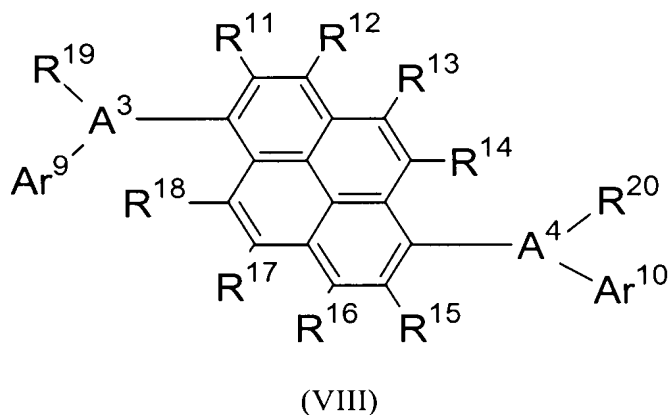
_____wherein:

Ar⁷ and Ar⁸ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

_____X³, X⁴, and X⁵ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group; and

_____f and g each represent an integer of 0 to 4, h represents an integer of 0 to 8, and n^2 represents an integer of 1 to 3, provided that no symmetrical group binds to each of 1-position and 6-position of central pyrene;

formula (VIII):



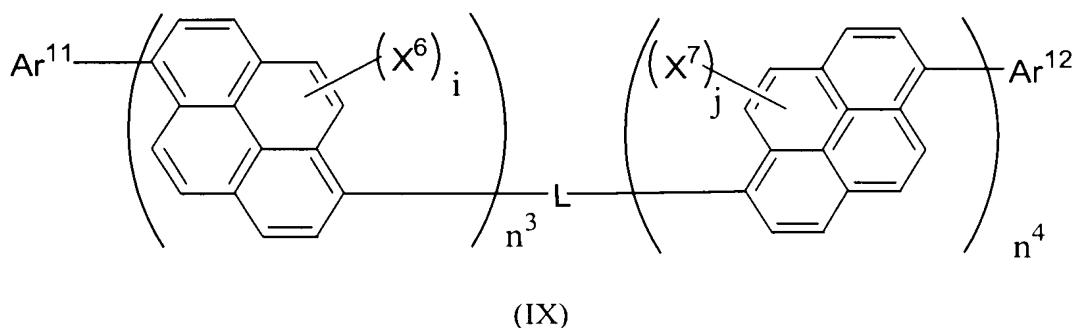
_____wherein:

A³ and A⁴ each independently represent a substituted or unsubstituted fused aromatic ring residue having 10 to 20 nuclear carbon atoms;

_____Ar⁹ and Ar¹⁰ each independently represent a hydrogen atom, or a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms; and

_____R¹¹ to R²⁰ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 1-position and 6-position of central pyrene;

_____formula (IX):



_____ wherein:

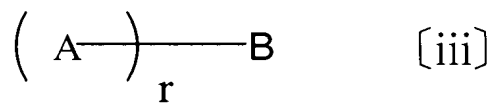
Ar¹¹ and Ar¹² each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

_____X⁶ and X⁷ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group;

_____L represents a substituted or unsubstituted arylene group having 6 to 50 nuclear carbon atoms, or a substituted or unsubstituted divalent aromatic heterocyclic group having 3 to 50 nuclear atoms; and

_____i and j each represent an integer of 0 to 8, and n³ and n⁴ each represent an integer of 1 to 3; and

when the compounds of formulae (I) to (VI) are bluish-color host materials, a bluish-color dopant represented by the following formula (iii) is used:



wherein:

A is a substituted or unsubstituted alkyl or alkoxy group having from 1 to 16 carbon atoms, a substituted or unsubstituted aryl group having from 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having from 6 to 30 carbon atoms, or a substituted or unsubstituted arylamino group having from 6 to 30 carbon atoms;

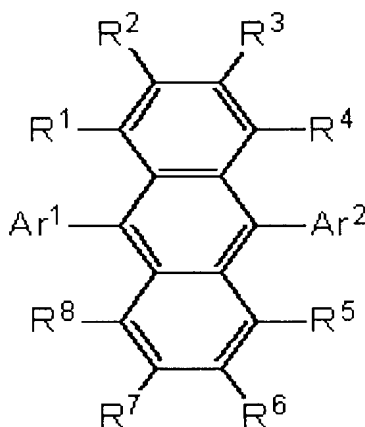
B is a fused aromatic ring residue having from 10 to 40 carbon atoms; and

r is an integer of 1 to 4.

Claim 2 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the light emitting layer consists of the bluish color light emitting layer and the yellow-to-reddish color light emitting layer.

Claim 3 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the bluish color light emitting layer comprises a bluish color host material and a bluish color dopant, and the bluish color host material comprises an asymmetric compound comprising a condensed ring.

Claim 4 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the asymmetric compound comprising a condensed ring comprises the compound represented by the formula (I):

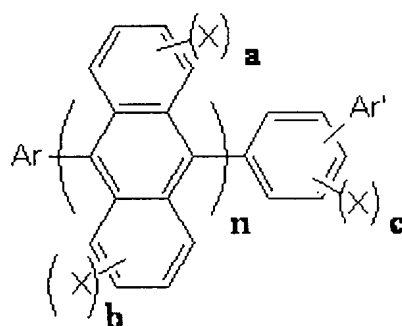


(I)

wherein Ar¹ and Ar² each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, provided that Ar¹ and Ar² do not have the same structure; and

R¹ to R⁸ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group.

Claim 5 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the asymmetric compound comprising a condensed ring comprises the compound represented by any one of the formulae (II) to (IV):



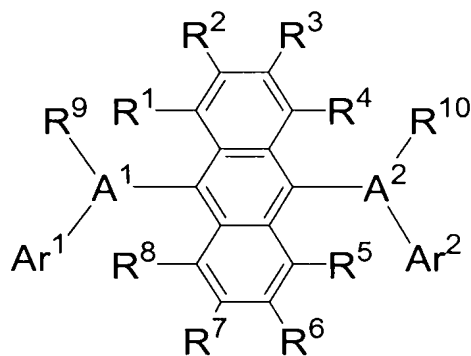
(II)

wherein Ar represents a substituted or unsubstituted fused aromatic ring residue having 10 to 50 nuclear carbon atoms;

Ar' represents a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

X represents a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group; and

a, b, and c each represent an integer of 0 to 4, and n represents an integer of 1 to 3;

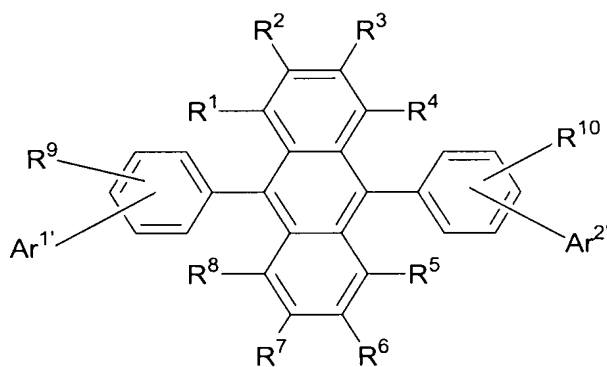


(III)

wherein A¹ and A² each independently represent a substituted or unsubstituted fused aromatic ring residue having 10 to 20 nuclear carbon atoms;

Ar¹ and Ar² each independently represent a hydrogen atom, or a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms; and

R¹ to R¹⁰ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 9-position and 10-position of central anthracene;

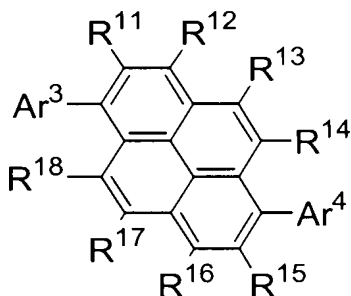


(IV)

wherein $Ar^{1'}$ and $Ar^{2'}$ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms; and

R^1 to R^{10} each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 9-position and 10-position of central anthracene.

Claim 6 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the asymmetric compound comprising a condensed ring comprises the compound represented by the formula (V):

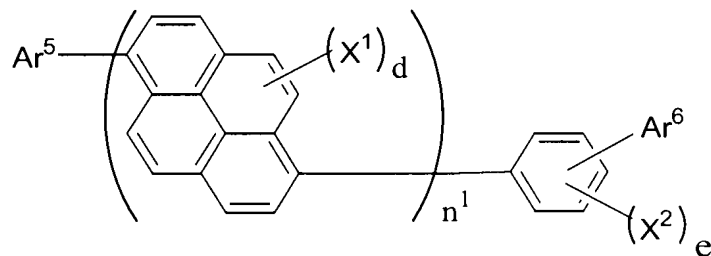


(V)

wherein Ar³ and Ar⁴ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, provided that Ar³ and Ar⁴ do not have the same structure; and

R¹¹ to R¹⁸ each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxy carbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group.

Claim 7 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein the asymmetric compound comprising a condensed ring comprises the compound represented by any one of the formulae (VI) to (IX):



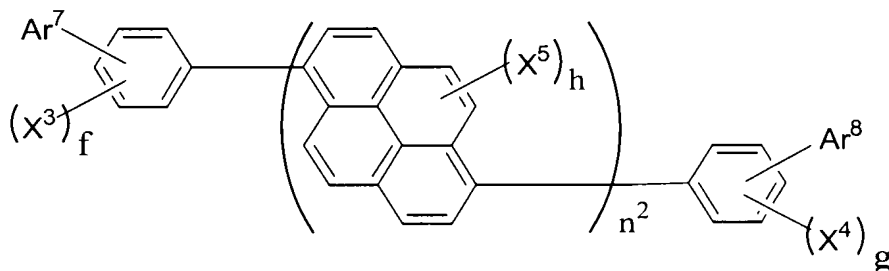
(VI)

wherein Ar^5 represents a substituted or unsubstituted fused aromatic ring residue having 10 to 50 nuclear carbon atoms;

Ar^6 represents a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

X^1 and X^2 each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group; and

d represents an integer of 0 to 8, e represents an integer of 0 to 4, and n^1 represents an integer of 1 to 3;

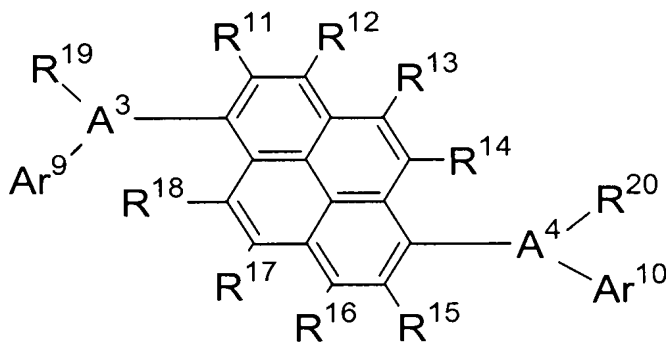


(VII)

wherein Ar⁷ and Ar⁸ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

X³, X⁴, and X⁵ each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group; and

f and g each represent an integer of 0 to 4, h represents an integer of 0 to 8, and n² represents an integer of 1 to 3, provided that no symmetrical group binds to each of 1-position and 6-position of central pyrene;

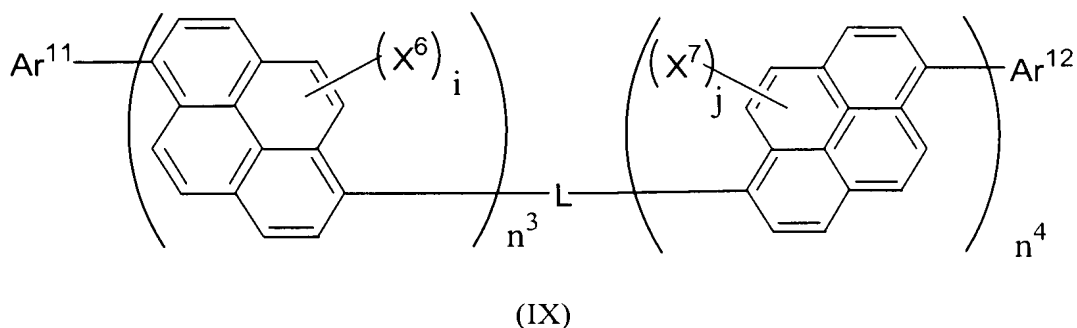


(VIII)

wherein A³ and A⁴ each independently represent a substituted or unsubstituted fused aromatic ring residue having 10 to 20 nuclear carbon atoms;

Ar⁹ and Ar¹⁰ each independently represent a hydrogen atom, or a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms; and

R^{11} to R^{20} each independently represent a hydrogen atom, a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group, provided that no symmetrical group binds to each of 1-position and 6-position of central pyrene;



wherein Ar^{11} and Ar^{12} each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms;

X^6 and X^7 each independently represent a substituted or unsubstituted aryl group having 6 to 50 nuclear carbon atoms, a substituted or unsubstituted aromatic heterocyclic group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 50 carbon atoms, a substituted or unsubstituted aralkyl group having 6 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 nuclear atoms, a substituted or unsubstituted arylthio group having 5 to 50 nuclear atoms, a substituted or unsubstituted alkoxycarbonyl

group having 1 to 50 carbon atoms, a carboxyl group, a halogen atom, a cyano group, a nitro group, or a hydroxyl group;

L represents a substituted or unsubstituted arylene group having 6 to 50 nuclear carbon atoms, or a substituted or unsubstituted divalent aromatic heterocyclic group having 3 to 50 nuclear atoms; and

i and j each represent an integer of 0 to 8, and n^3 and n^4 each represent an integer of 1 to 3.

Claim 8 (Previously Presented): The white color organic electroluminescence device according to claim 3, wherein the bluish color dopant comprises at least one compound selected from the group consisting of a styrylamine, an amine-substituted styryl compound, a compound comprising an amine-substituted fused aromatic ring, a compound comprising a fused aromatic ring, and combinations thereof.

Claim 9 (Previously Presented): The white color organic electroluminescence device according to claim 1, comprising the anode, the bluish color light emitting layer, the yellow-to-reddish color light emitting layer, and the cathode in this order, wherein the yellow-to-reddish color light emitting layer comprises a same host material as that of the bluish color light emitting layer and a yellow-to-reddish color dopant.

Claim 10 (Previously Presented): The white color organic electroluminescence device according to claim 9, wherein the yellow-to-reddish color dopant comprises a compound having multiple fluoranthene skeletons.

Claim 11 (Previously Presented): The white color organic electroluminescence device according to claim 9, wherein the yellow-to-reddish color dopant comprises a compound having a fluorescent peak wavelength of 540 nm to 700 nm.

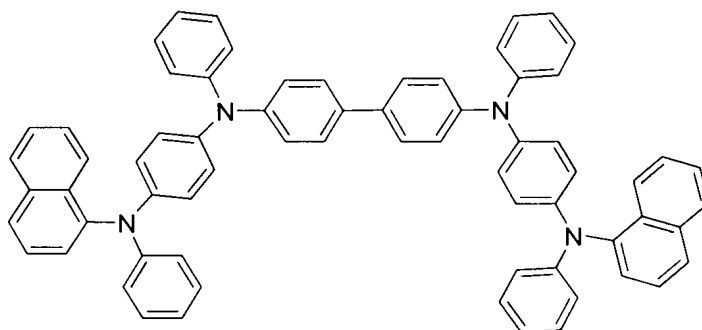
Claim 12 (Previously Presented): The white color organic electroluminescence device according to claim 1, wherein each of the bluish color light emitting layer and the yellow-to-reddish color light emitting layer has a thickness of 5 nm or more.

Claim 13 (Previously Presented): The white color organic electroluminescence device according to claim 8, wherein the bluish color dopant comprises at least one compound selected from the group consisting of a styrylamine, an amine-substituted styryl compound, a compound comprising an amine-substituted fused aromatic ring, and combinations thereof.

Claim 14 (Previously Presented): The white color organic electroluminescence device according to claim 8, wherein the bluish color dopant comprises at least one compound selected from the group consisting of a styrylamine, an amine-substituted styryl compound, and combinations thereof.

Claim 15 (Previously Presented): The white color organic electroluminescence device according to claim 1, further comprising a hole injecting layer.

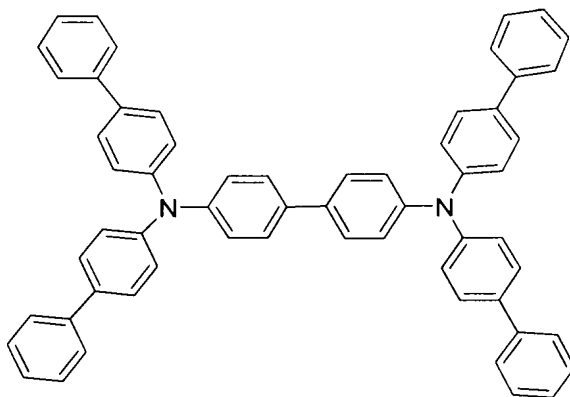
Claim 16 (Previously Presented): The white color organic electroluminescence device according to claim 15, wherein the hole injecting layer comprises a compound of formula (X):



(X).

Claim 17 (Previously Presented): The white color organic electroluminescence device according to claim 15, further comprising a hole transporting layer.

Claim 18 (Previously Presented): The white color organic electroluminescence device according to claim 17, wherein the hole transporting layer comprises a compound of formula (XI):



(XI).

Claim 19 (Previously Presented): The white color organic electroluminescence device according to claim 1, further comprising an alq film.

Application No. 10/573,661

Reply to final Office Action of June 4, 2010

Claim 20 (Previously Presented): The white color organic electroluminescence device according to claim 19, wherein the alq film comprises tris (8-quinolinol)aluminum.